

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A system for organizing data, comprising:
 - a data storage component;
 - a plurality of folders comprising links to particular data files stored in the data storage component, the content of the folders controlled at least in part by end-user specified preferences, the folders include any type of link collection defined by a set of relationships; and
 - an accessor that based at least in part on a Nth order accessor constraint effectuates actions and conditions associated with the content of the folders across multiple domains via resolve or link values associated with two or more different executable applications, the Nth order determined by a relationship to the end-user.
2. (Previously Presented) The system of claim 1, the data storage component stores schematized data.
3. (Original) The system of claim 1, the preferences are specified using a plurality of ON (event) IF (condition) THEN (action) statements and one or more Boolean operators.
4. (Original) The system of claim 3, the preferences are specified utilizing a graphical user interface.
5. (Original) The system of claim 1, the preferences are constructed automatically based on inferences made from user activity.

6. (Previously Presented) The system of claim 1, the preferences specify a plurality of conditions and actions.
7. (Original) The system of claim 6, one of the conditions relates to user context.
8. (Previously Presented) The system of claim 6, the preferences specified in accordance with a developer specified schema.
9. (Previously Presented) The system of claim 8, the preferences and schema are stored in tables in the data storage component.
10. (Previously Presented) The system of claim 9, the preferences are evaluated upon the occurrence of an event.
11. (Previously Presented) The system of claim 10, the preferences are evaluated in a set oriented fashion utilizing a query language.
12. (Previously Presented) The system of claim 10, one or more actions are executed in accordance with a preference when the preference conditions are satisfied.
13. (Previously Presented) The system of claim 12, the action comprises creating a link in a folder.
14. (Previously Presented) The system of claim 12, the action comprises excluding a link from a folder.
15. (Previously Presented) The system of claim 12, the action comprises deleting a link in one folder and recreating a link in another folder.
16. (Previously Presented) The system of claim 12, the action comprises notifying the user.

17. (Previously Presented) The system of claim 1, the preferences are manifested as physical entities such that they can be dragged, dropped, cut, and pasted amongst folders.
18. (Previously Presented) A system for personalizing data storage, comprising:
a data storage component;
a plurality of data containers that store pointers to sections of data stored on the data storage component, the content of the data containers are controlled by end-user programs, and
a facility that utilizes resolve or link values associated with disparate end-user programs to effectuate actions and conditions associated with the sections of data across a plurality of domains, the facility employs accessor constraints on an Nth order, the Nth order ascertained from an end-user perspective.
19. (Original) The system of claim 18, the end-user programs are written using propositional logic.
20. (Original) The system of claim 18, the end-user programs are written utilizing predicate logic.
21. (Original) The system of claim 18, the end-user programs are composed using a graphical user interface.
22. (Original) The system of claim 18, the end-user programs are constrained by a logic schema.
23. (Original) The system of claim 18, the end-user programs utilize historical information in stored in a data container.
24. (Previously presented) The system of claim 18, execution of the end-user program comprises executing a query on structured data to produce a result table.

25. (Previously Presented) The system of claim 24, one or more actions are taken based on the data in the result table.
26. (Previously Presented) The system of claim 25, the action includes notifying the end-user.
27. (Previously Presented) The system of claim 25, the action includes adding a pointer to a data container.
28. (Previously Presented) The system of claim 25, the action includes removing a pointer from a data container.
29. (Previously Presented) The system of claim 18, the end-user programs are manifested as physical entities that end-users can drag, drop, cut, and paste within data containers.
30. (Previously Presented) A method of personalizing computers functionality, comprising:
- writing user preferences with respect to one or more named groups of data in accordance with a developer schema, the user preferences based at least in part on a determination of an Nth order relationship between the one or more named groups of data and a user;
 - executing user preferences in response to an event; and
 - taking action based on a conditionally valid preference that relates to two or more item domains associated with various executable applications.
31. (Previously Presented) The method of claim 30, events are received from a plurality of event sources.
32. (Previously Presented) The method of claim 31, the event source is a named group of data and the event is a change in the data associated therewith.

33. (Previously Presented) The method of claim 30, preference execution comprises translating end-user specified preferences into queries and executing queries on structured data.
34. (Previously Presented) The method of claim 30, a named group of data can be used as a constant argument to a condition or action.
35. (Previously Presented) The method of claim 30, taking action corresponds to including a data file into a named group of data.
36. (Previously Presented) The method of claim 30, taking action corresponds to excluding a data file from a named group of data.
37. (Original) A computer readable medium having stored thereon computer executable instructions for carrying out the method of claim 32.